# H. R. 144

To amend title 49, United States Code, to require periodic inspections of pipelines and improve the safety of our Nation's pipeline system.

#### IN THE HOUSE OF REPRESENTATIVES

January 3, 2001

Mr. Oberstar (for himself, Mr. Dingell, Mr. Inslee, Mr. Larsen of Washington, Mr. Kennedy of Rhode Island, Mr. Lewis of Georgia, Mr. McDermott, Mr. Pallone, Mr. Pascrell, Mr. Smith of Washington, Mr. Tierney, and Mr. Udall of New Mexico) introduced the following bill; which was referred to the Committee on Transportation and Infrastructure, and in addition to the Committee on Energy and Commerce, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

# A BILL

To amend title 49, United States Code, to require periodic inspections of pipelines and improve the safety of our Nation's pipeline system.

- 1 Be it enacted by the Senate and House of Representa-
- 2 tives of the United States of America in Congress assembled,
- 3 SECTION 1. SHORT TITLE; AMENDMENT OF TITLE 49,
- 4 UNITED STATES CODE; TABLE OF CONTENTS.
- 5 (a) SHORT TITLE.—This Act may be cited as the
- 6 "Pipeline Safety Act of 2001".

- 1 (b) Amendment of Title 49, United States
- 2 Code.—Except as otherwise expressly provided, whenever
- 3 in this Act an amendment or repeal is expressed in terms
- 4 of an amendment to, or a repeal of, a section or other
- 5 provision, the reference shall be considered to be made to
- 6 a section or other provision of title 49, United States
- 7 Code.

## 8 (c) Table of Contents.—

- Sec. 1. Short title; amendment of title 49, United States Code; table of contents.
- Sec. 2. State oversight role.
- Sec. 3. Additional pipeline protections.
- Sec. 4. Enforcement.
- Sec. 5. Community right-to-know and emergency preparedness.
- Sec. 6. Support for innovative technology development.
- Sec. 7. Qualification of pipeline personnel.
- Sec. 8. Population encroachment.
- Sec. 9. Damage prevention.
- Sec. 10. Improved data and data availability.
- Sec. 11. Technical amendments.
- Sec. 12. Pipeline facilities oversight and monitoring.
- Sec. 13. Authorization of appropriations.

#### 9 SEC. 2. STATE OVERSIGHT ROLE.

- 10 (a) STATE AGREEMENTS WITH CERTIFICATION.—
- 11 Section 60106 is amended—
- 12 (1) in the heading for subsection (a) by striking
- 13 "GENERAL AUTHORITY" and inserting "AGREE-
- 14 MENTS WITHOUT CERTIFICATION";
- 15 (2) by redesignating subsections (b), (c), and
- 16 (d) as subsections (c), (d), and (e), respectively; and
- 17 (3) by inserting after subsection (a) the fol-
- lowing:

1	"(b) AGREEMENTS WITH CERTIFICATION.—
2	"(1) In general.—If the Secretary accepts a
3	certification under section 60105 from a State au-
4	thority and makes the determination required under
5	paragraph (2), the Secretary may make an agree-
6	ment with the State authority to develop a plan by
7	which the State authority has a role in the oversight
8	of interstate pipelines—
9	"(A) by participating in special investiga-
10	tions involving interstate pipeline incidents
11	within the boundaries of the State;
12	"(B) by participating in oversight of new
13	construction of interstate pipelines within such
14	boundaries;
15	"(C) by participating as an interstate
16	agent by carrying out inspection responsibilities
17	for interstate pipelines within such boundaries
18	to ensure compliance with Federal pipeline safe-
19	ty standards;
20	"(D) by providing written comments and
21	recommendations on interstate pipeline risk
22	analysis and integrity management programs
23	for interstate pipelines within such boundaries
24	pursuant to section $60109(c)(6)$ ; and

1	"(E) by participating in any other activi-
2	ties relating to pipeline safety permissible under
3	this chapter on the day before the date of en-
4	actment of this subparagraph.
5	"(2) Determinations required.—The Sec-
6	retary may not enter into an agreement under this
7	subsection, unless the Secretary determines that—
8	"(A) the agreement is consistent with the
9	Secretary's program for inspection and with the
10	safety policies and provisions of this chapter;
11	"(B) the agreement would not adversely
12	affect the oversight responsibilities of intrastate
13	pipeline transportation by the State authority;
14	"(C) the State is carrying out a program
15	demonstrated to promote preparedness and risk
16	prevention activities that enhance the safety of
17	communities from the risks of pipelines;
18	"(D) the State meets the minimum stand-
19	ards for State one-call notification set forth in
20	chapter 61; and
21	"(E) the actions planned under the agree-
22	ment would not adversely affect interstate com-
23	merce or public safety.
24	"(3) Existing agreements.—Except as pro-
25	vided in subsection (e), an agreement between the

1	Secretary and a State authority that is in effect on
2	the date of enactment of this paragraph shall remain
3	in effect until the Secretary determines that the
4	State meets the requirements for a determination
5	under paragraph (2).".
6	(b) Ending Agreements.—Subsection (e) of sec-
7	tion 60106 (as redesignated by subsection (a)(2) of this
8	section) is amended to read as follows:
9	"(e) Ending Agreements.—
10	"(1) Permissive Termination.—The Sec-
11	retary may end an agreement under this section if
12	the Secretary finds that the State authority has not
13	complied with a provision of the agreement.
14	"(2) Mandatory termination of agree-
15	MENT.—Subject to paragraph (3), the Secretary
16	shall end an agreement for the oversight of inter-
17	state pipeline transportation if the Secretary finds
18	that—
19	"(A) implementation of the agreement has
20	adversely affected the oversight responsibilities
21	of intrastate pipeline transportation by the
22	State authority;
23	"(B) the State actions under the agree-
24	ment have failed to meet the requirements of
25	subsection (b); or

1 "(C) continued participation by the State 2 authority in the oversight of interstate pipeline 3 transportation is not enhancing pipeline safety. "(3) Procedural requirements.— "(A) NOTICE AND OPPORTUNITY 6 HEARING.—The Secretary shall provide a State 7 authority with notice and an opportunity for a hearing before ending an agreement with the 8 9 State authority under this section. "(B) Publication of finding and deci-10 11 SION IN FEDERAL REGISTER.—A finding and 12 decision of the Secretary to end an agreement 13 with a State authority under this section shall 14 be published in the Federal Register and may 15 not become effective for at least 15 days after 16 the date of such publication unless the Sec-17 retary finds that continuation of the agreement 18 poses an imminent hazard to human health or 19 the environment.". 20 SEC. 3. ADDITIONAL PIPELINE PROTECTIONS.

- 21 (a) Risk Analysis and Integrity Management
- Programs.—Section 60109 is amended by adding at the
- 23 end the following:
- 24 "(c) Risk Analysis and Integrity Management
- Programs.—

# "(1) Standards.—

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"(A) GENERAL RULE.—Not later than 1 year after the date on which the Secretary prescribes standards under subsection (a)(1), each operator of a gas transmission or hazardous liquid pipeline facility shall conduct an analysis of the risks to each facility of the operator in an area identified pursuant to subsection (a)(1) and shall adopt and implement a written integrity management program for such facility to reduce the risks.

"(B) Interim coverage for gas pipe-Line facilities.—If the Secretary has not prescribed standards under subsection (a)(1)(A) for gas transmission facilities by May 1, 2002, the requirements of this subsection requiring operators of gas transmission facilities to adopt and implement integrity management programs shall apply, on an interim basis, to all gas transmission facilities that affect populated areas identified by the Secretary as high consequence areas for hazardous liquid pipeline facilities until such standards for gas transmission facilities are prescribed. An operator of a gas transmission facility covered by this sub-

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1	paragraph may petition the Secretary to waive
2	the application of this paragraph to a gas
3	transmission facility under section 60118(c).
4	"(2) Elements of integrity management
5	PROGRAMS.—An integrity management program
6	adopted by an operator of a facility in an area iden-
7	tified pursuant to subsection (a)(1) shall include, at
8	a minimum, the following elements:
9	"(A) Subject to paragraph (3), periodic in-
10	spection of the facility, at intervals of not less
11	than once every 5 years, by internal inspection
12	device, pressure testing, direct assessment, or
13	an alternative method that the Secretary deter-
14	mines would provide an equal or greater level of
15	safety.
16	"(B) Clearly defined criteria for evaluating
17	the results of inspections conducted under sub-
18	paragraph (A) and for taking actions based on
19	such results.
20	"(C) A method for conducting an analysis
21	on a continuing basis that integrates all avail-
22	able information about the integrity of the facil-
23	ity and the consequences of releases from the

facility.

"(D) A description of actions to be taken 1 2 by the operator to promptly address any integrity issue raised by an evaluation conducted 3 4 under subparagraph (B) or the analysis con-5 ducted under subparagraph (C). 6 "(E) A description of measures to prevent 7 and mitigate the consequences of releases from 8 the facility. In the case of a release of a haz-9 ardous liquid, such measures shall be consistent 10 with the National Contingency Plan published 11 pursuant to section 311(d) of the Federal 12 Water Pollution Control Act (33)U.S.C. 13 1321(d)), including leak detection, integrity 14 evaluation, emergency flow restricting devices, 15 and other prevention, detection, and mitigation 16 measures that are appropriate for protection of 17 human health and the environment. 18 "(F) A method for considering the con-19 sequences of a release of a hazardous liquid 20 from the facility, as appropriate. "(G) A method for monitoring cathodic 21 22 protection systems throughout the pipeline sys-

tem of the operator.

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actions to be taken by the operator to address the safety concern, including issues raised with the Secretary by States and local authorities under an agreement entered into under section 60106.

### "(3) Inspection requirements.—

- "(A) WAIVERS AND MODIFICATIONS.—In accordance with section 60118(c), the Secretary may waive or modify any requirement for inspection of a facility under paragraph (2)(A) for reasons that may include the need to maintain local product supply or the lack of internal inspection devices if the Secretary determines that such waiver is not inconsistent with pipeline safety.
- "(B) Inspections by direct assessment.—The Secretary shall prescribe standards for inspection of a pipeline facility by direct assessment.
- "(C) Inspections by internal inspection devices.—After reviewing an integrity management plan, the Secretary may require a pipeline facility that is located in an area identified pursuant to subsection (a)(1) and that can

1	accommodate an internal inspection device to be
2	inspected by such a device under section 60108.
3	"(4) Criteria for integrity program
4	STANDARDS.—
5	"(A) Frequency of inspections.—
6	"(i) Considerations.—In deter-
7	mining whether to require inspection of a
8	facility at more frequent intervals than the
9	minimum intervals required under para-
10	graph (2)(A), an operator shall take into
11	account, as appropriate, the following:
12	"(I) The potential for develop-
13	ment of new defects in the facility.
14	"(II) The operational characteris-
15	tics of the facility, including age, oper-
16	ating pressure, block valve location,
17	corrosion history, spill history, and
18	any known deficiencies in the method
19	of pipeline construction or installation.
20	"(III) The possible growth of
21	new and existing defects.
22	"(ii) Outside force damage.—For
23	purposes of clause (i)(I), in considering the
24	potential for development of new defects in
25	a pipeline facility from damage by an out-

1	side force, an operator shall consider infor-
2	mation available about current or planned
3	excavation activities and the effectiveness
4	of damage prevention programs in the
5	area.
6	"(iii) Baseline integrity assess-
7	MENT.—Not later than 5 years after the
8	date of enactment of this subsection, an
9	operator of a pipeline facility that is re-
10	quired to implement an integrity manage-
11	ment program under paragraph (1) shall
12	complete a baseline integrity assessment of
13	each of the operator's facilities in areas
14	identified pursuant to subsection $(a)(1)$ .
15	"(B) MINIMUM LEVEL OF PROTECTION.—
16	An operator of a pipeline facility that is re-
17	quired to implement an integrity management
18	program under paragraph (1) shall—
19	"(i) adopt standards under this sub-
20	section that provide a minimum level of
21	protection for the operator's facilities in
22	areas identified pursuant to subsection
23	(a)(1) that is at least equivalent to the ap-
24	plicable level of protection established by

1	national consensus standards organiza-
2	tions; and
3	"(ii) implement pressure testing and
4	other integrity management techniques in
5	a manner that minimizes environmental or
6	safety risks, such as by use of water for
7	pressure testing.
8	"(5) Additional standards.—
9	"(A) IN GENERAL.—The Secretary shall
10	prescribe standards to direct an operator's con-
11	duct of a risk analysis and adoption and imple-
12	mentation of an integrity management program
13	under paragraph (1).
14	"(B) Contents.—Standards prescribed
15	under subparagraph (A) shall address each of
16	the following factors:
17	"(i) The type or frequency of inspec-
18	tions or testing of pipeline facilities, in ad-
19	dition to the minimum requirements of
20	paragraph (2)(A).
21	"(ii) The manner in which the inspec-
22	tions or testing are conducted.
23	"(iii) The criteria used in analyzing
24	results of the inspections or testing.

1	"(iv) The types of information sources
2	that must be integrated in assessing the
3	integrity of a pipeline facility as well as the
4	manner of integration.
5	"(v) The nature and timing of actions
6	selected to address the integrity of a pipe-
7	line facility.
8	"(vi) Such other factors as the Sec-
9	retary determines appropriate to ensure
10	that the integrity of a pipeline facility is
11	addressed and that appropriate mitigative
12	measures are adopted to protect areas
13	identified under subsection (a)(1).
14	"(C) Systems to monitor pressure
15	AND DETECT LEAKS; USE OF EMERGENCY
16	FLOW RESTRICTING DEVICES.—The Secretary
17	may also prescribe standards requiring an oper-
18	ator of a pipeline facility to include in an integ-
19	rity management program under paragraph
20	(1)—
21	"(i) changes to valves or the establish-
22	ment or modification of systems that mon-
23	itor pressure and detect leaks based on the
24	operator's risk analysis: and

1	"(ii) the use of emergency flow re-
2	stricting devices.
3	"(D) INACTION BY THE SECRETARY.—The
4	responsibility of an operator of a pipeline facil-
5	ity to conduct a risk analysis or adopt or imple-
6	ment an integrity management program under
7	paragraph (1) shall not be affected by any fail-
8	ure of the Secretary to prescribe standards
9	under this paragraph.
10	"(6) Review of integrity management
11	PROGRAMS.—
12	"(A) REVIEW OF PROGRAMS.—
13	"(i) In General.—The Secretary
14	shall review a risk analysis and integrity
15	management program under paragraph (1)
16	and record the results of that review for
17	use in the next review of an operator's pro-
18	gram.
19	"(ii) Context of Review.—The Sec-
20	retary may conduct a review under clause
21	(i) as an element of the Secretary's inspec-
22	tion of an operator.
23	"(iii) Inadequate programs.—If
24	the Secretary determines that a risk anal-
25	ysis or integrity management program is

inadequate for the safe operation of a pipeline facility, the Secretary shall act under section 60108(a)(2) to require the operator to revise the risk analysis or integrity management program.

- "(B) AMENDMENTS TO PROGRAMS.—In order to facilitate reviews under this paragraph, an operator of a pipeline facility shall notify the Secretary of any amendment made to the operator's integrity management program not later than 30 days after the date of adoption of the amendment.
- "(C) Transmittal of Programs to State authority with which the Secretary has entered into an agreement under section 60106.
- "(7) STATE REVIEW OF INTEGRITY MANAGE-MENT PLANS.—A State authority that enters into an agreement pursuant to section 60106, permitting the State authority to review the risk analysis and written program for integrity management pursuant to paragraph (6), may provide the Secretary with a

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- 1 written assessment of the risk analysis and integrity
- 2 management program, make recommendations, as
- appropriate, to address safety concerns not ade-
- 4 quately addressed by the operator's risk analysis or
- 5 integrity management program, and submit docu-
- 6 mentation explaining the State-proposed revisions.
- 7 The Secretary shall carefully consider the State's
- 8 proposals and work in consultation with the States
- 9 and operators to address safety concerns.
- 10 "(8) Application of Standards.—Section
- 11 60104(b) shall not apply to this section.".
- 12 (b) Integrity Management Regulations.—Sec-
- 13 tion 60109 is further amended by adding at the end the
- 14 following:
- 15 "(d) Integrity Management Regulations.—Not
- 16 later than 3 years after the date of enactment of this sub-
- 17 section, the Secretary shall—
- 18 "(1) complete an assessment and evaluation of
- the effects on public safety and the environment of
- the requirements for the implementation of integrity
- 21 management programs contained in the standards
- prescribed under subsection (c)(5); and
- 23 "(2) make a determination as to the benefits to
- public safety and the environment of extending such
- requirements to additional areas.".

1	(d) Conforming Amendment.—Section 60118(a)
2	is amended—
3	(1) by striking "and" at the end of paragraph
4	(2);
5	(2) by striking the period at the end of para-
6	graph (3) and inserting "; and; and
7	(3) by adding at the end the following:
8	"(4) conduct a risk analysis, and adopt and im-
9	plement an integrity management program, for pipe-
10	line facilities as required under section 60109(c).".
11	SEC. 4. ENFORCEMENT.
12	(a) Pipeline Facilities Hazardous to Life and
13	Property.—
14	(1) General Authority.—Section 60112(a)
15	is amended to read as follows:
16	"(a) GENERAL AUTHORITY.—After notice and an op-
17	portunity for a hearing, the Secretary of Transportation
18	may determine that a pipeline facility is hazardous if the
19	Secretary determines that—
20	"(1) operation of the facility is or would be haz-
21	ardous to life, property, or the environment; or
22	"(2) the facility is or would be constructed or
23	operated, or a component of the facility is or would
24	be constructed or operated, with equipment, mate-

1 rial, or a technique that the Secretary decides is 2 hazardous to life, property, or the environment.". 3 (2)Corrective action orders.—Section 60112(d) is amended by striking "is hazardous" and 4 5 inserting "is or would be hazardous". 6 (b) Civil Penalties.— 7 (1)GENERAL PENALTIES.—Section 8 60122(a)(1) is amended— 9 (A) by striking "\$25,000" and inserting "\$100,000"; and 10 11 (B) by striking "\$500,000" and inserting "\$1,000,000". 12 13 (2) Civil Penalties for Discharges.—Sec-14 tion 60122(a) is amended by adding at the end the 15 following: 16 "(3) A person who is the owner, operator, or person in charge of a hazardous liquid pipeline facility from which 18 a hazardous liquid is discharged may be liable to the Gov-19 ernment for a civil penalty of not more than \$25,000 per day of violation or not more than \$1,000 per barrel of 20 21 oil or other hazardous liquid discharged, except that a person may not be liable for a civil penalty under this sub-22 23 section for a discharge if the person has been assessed a civil penalty under section 309 or 311(b) of the Federal

1	Water Pollution Control Act (33 U.S.C. 1319; 1321(b))
2	for the discharge.".
3	(3) Penalty considerations.—Section
4	60122(b) is amended to read as follows:
5	"(b) Penalty Considerations.—In determining
6	the amount of a civil penalty under this section—
7	"(1) the Secretary shall consider—
8	"(A) the nature, circumstances, and grav-
9	ity of the violation, including adverse impact on
10	the environment;
11	"(B) with respect to the violator, the de-
12	gree of culpability, any history of prior viola-
13	tions, the ability to pay, and any effect on abil-
14	ity to continue doing business; and
15	"(C) good faith in attempting to comply;
16	and
17	"(2) the Secretary may consider—
18	"(A) the economic benefit gained from the
19	violation without any reduction because of sub-
20	sequent damages; and
21	"(B) other matters that justice requires.".
22	(c) Excavator Damage.—Section 60123(d) is
23	amended—
24	(1) in the matter preceding paragraph (1) by
25	striking "knowingly and willfully":

1	(2) in paragraph (1) by inserting "knowingly
2	and willfully" before "engages"; and
3	(3) by striking paragraph (2)(B) and inserting
4	the following:
5	"(B) a pipeline facility, knows or has rea-
6	son to know of the damage, and does not report
7	the damage promptly to the operator of the
8	pipeline facility and to other appropriate au-
9	thorities; or".
10	(d) Civil Actions.—Section 60120(a) is amended—
11	(1) by striking "(a) CIVIL ACTIONS.—(1)" and
12	all that follows through "(2) At the request" and in-
13	serting the following:
14	"(a) CIVIL ACTIONS.—
15	"(1) Civil actions to enforce this chap-
16	TER.—At the request of the Secretary of Transpor-
17	tation, the Attorney General may bring a civil action
18	in an appropriate district court of the United States
19	to enforce this chapter, including section 60112, or
20	a regulation prescribed or order issued under this
21	chapter. The court may award appropriate relief, in-
22	cluding a temporary or permanent injunction, puni-

tive damages, and assessment of civil penalties, con-

sidering the same factors as prescribed for the Sec-

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1	retary in an administrative case under section
2	60122.
3	"(2) Civil actions to require compliance
4	WITH SUBPENAS OR ALLOW FOR INSPECTIONS.—At
5	the request"; and
6	(2) by aligning the remainder of the text of
7	paragraph (2) with the text of paragraph (1).
8	SEC. 5. COMMUNITY RIGHT-TO-KNOW AND EMERGENCY
9	PREPAREDNESS.
10	(a) Community Right-To-Know.—
11	(1) IN GENERAL.—Section 60116 is amended
12	to read as follows:
12	"8 CO11C Community wight to leave
13	"§ 60116. Community right-to-know
13	"(a) Public Education Programs.—
14	"(a) Public Education Programs.—
14 15	"(a) Public Education Programs.— "(1) In General.—Each owner or operator of
14 15 16	"(a) Public Education Programs.— "(1) In general.—Each owner or operator of a gas transmission or hazardous liquid pipeline facil-
14 15 16 17	"(a) Public Education Programs.— "(1) In general.—Each owner or operator of a gas transmission or hazardous liquid pipeline facility shall carry out a continuing program to educate
14 15 16 17 18	"(a) Public Education Programs.— "(1) In general.—Each owner or operator of a gas transmission or hazardous liquid pipeline facility shall carry out a continuing program to educate the public on—
14 15 16 17 18	"(a) Public Education Programs.—  "(1) In general.—Each owner or operator of a gas transmission or hazardous liquid pipeline facility shall carry out a continuing program to educate the public on—  "(A) the use of a one-call notification sys-
14 15 16 17 18 19 20	"(a) Public Education Programs.—  "(1) In General.—Each owner or operator of a gas transmission or hazardous liquid pipeline facility shall carry out a continuing program to educate the public on—  "(A) the use of a one-call notification system prior to excavation and other damage pre-
14 15 16 17 18 19 20 21	"(a) Public Education Programs.—  "(1) In General.—Each owner or operator of a gas transmission or hazardous liquid pipeline facility shall carry out a continuing program to educate the public on—  "(A) the use of a one-call notification system prior to excavation and other damage prevention activities;

1	"(C) the physical indications that a pipe-
2	line release may have occurred, the steps that
3	should be taken for public safety in the event
4	of such a release, and how to report such a re-
5	lease.
6	"(2) Review and modification of existing
7	PROGRAMS.—
8	"(A) OWNER OR OPERATOR.—Not later
9	than 1 year after the date of enactment of this
10	subsection, each owner or operator of a gas
11	transmission or hazardous liquid pipeline facil-
12	ity shall—
13	"(i) review its existing public edu-
14	cation program for effectiveness and mod-
15	ify the program as necessary; and
16	"(ii) submit to the Secretary of
17	Transportation for review a detailed de-
18	scription of its public education program,
19	including any modifications made to the
20	program as a result of the review under
21	clause (i).
22	"(B) Secretary.—The Secretary shall re-
23	view the description of each public information
24	program for a facility submitted to the Sec-
25	retary under subparagraph (A)(ii) as an ele-

- 1 ment of the Secretary's inspections of the facil-2 ity.
- 3 "(3) STANDARDS.—The Secretary may issue 4 standards prescribing the details of public education 5 programs under this section, providing for periodic 6 review of such programs, and providing for the 7 modification of such programs as needed. The Sec-8 retary may also develop material for use in the pro-9 grams.
- 10 "(b) Liaison With State and Local Emergency 11 Response Entities.—
  - "(1) IN GENERAL.—Not later than 1 year after the date of enactment of this subsection, an operator of a gas transmission or hazardous liquid pipeline facility shall initiate and maintain liaison with the State emergency response commissions (and local emergency planning committees in the areas of pipeline right-of-way) established under section 301 of the Emergency Planning and Community Right-To-Know Act of 1986 (42 U.S.C. 11001) in each State within the boundaries of which it operates.
  - "(2) AVAILABILITY OF INFORMATION.—An operator of a gas transmission or hazardous liquid pipeline facility shall make available, when re-

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1	quested, to the State emergency response commis-
2	sions and local emergency planning committees—
3	"(A) the information described in section
4	60102(d);
5	"(B) a copy of any integrity management
6	program adopted by the operator under section
7	60109; and
8	"(C) information about implementation of
9	the integrity management program and about
10	the risks that the program is designed to ad-
11	dress.
12	"(3) Communities without local emer-
13	GENCY PLANNING COMMITTEES.—In a community
14	without a local emergency planning committee, the
15	operator of a gas transmission or hazardous liquid
16	pipeline facility shall maintain liaison with the local
17	fire, police, and other emergency response agencies.
18	"(4) Format of information.—An operator
19	of a pipeline facility making information available
20	under this subsection shall make the information
21	available in a format integrated into a commercial
22	off-the-shelf in-vehicle portable computer global posi-
23	tioning system navigation mapping software used in
24	first responder vehicles equipped with portable com-
25	puters and responding to pipeline spills.

- 1 "(c) Public Availability of Reports.—The Sec-
- 2 retary shall make available to the public a safety-related
- 3 condition report filed by an operator under section
- 4 60102(h) and a report of a pipeline incident filed by an
- 5 operator under this chapter.
- 6 "(d) Access to Integrity Management Program
- 7 Information.—The Secretary shall prescribe require-
- 8 ments for public access to integrity management program
- 9 information prepared under this chapter.
- 10 "(e) AVAILABILITY OF MAPS.—Not later than 1 year
- 11 after the date of enactment of this subsection and annu-
- 12 ally thereafter, the owner or operator of each interstate
- 13 gas pipeline facility and hazardous liquid pipeline facility
- 14 shall provide to the governing body of each municipality
- 15 within the boundaries of which the pipeline facility is lo-
- 16 cated a map identifying the location of such facility.
- 17 "(f) Effectiveness of Public Safety and Pub-
- 18 LIC EDUCATION PROGRAMS.—
- 19 "(1) Survey and Assessment.—The Sec-
- 20 retary shall survey and assess the public education
- 21 programs under this section and the public safety
- programs under section 60102(c) and determine
- their effectiveness and applicability as components of
- a model program. In particular, the survey shall in-
- 25 clude the methods by which operators notify resi-

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- dents of the location of the facility and its right-ofway, public information regarding existing one-call notification programs, and appropriate procedures to be followed by residents of affected municipalities in the event of accidents involving interstate gas pipeline facilities.
  - "(2) STANDARDS FOR PUBLIC SAFETY PRO-GRAMS.—In issuing standards for public safety programs under section 60102(a) and for public education programs under this section, the Secretary shall consider the results of the survey and assessment under paragraph (1).
  - "(3) TECHNICAL ASSISTANCE.—The Secretary may provide technical assistance to the pipeline industry on developing public safety and public education program content and best practices for program delivery and on evaluating the effectiveness of the programs. The Secretary may also provide technical assistance to State and local officials in applying practices developed in these programs to their activities.

# 22 "(g) Pipeline Segment Reports.—

"(1) IN GENERAL.—Not later than 6 months after the date of enactment of this subsection, each owner or operator of a gas transmission or haz-

1	ardous liquid pipeline facility shall submit to the
2	Secretary a report on pipeline segments of the facil-
3	ity in accordance with this subsection. After submit-
4	ting such report, each such owner or operator shall
5	submit to the Secretary an update of such report at
6	least once each year.
7	"(2) Contents of Reports.—A pipeline seg-
8	ment report of an owner or operator of a facility
9	shall include, at a minimum, the following informa-
10	tion for each pipeline segment of the facility:
11	"(A) The business name, address, and tele-
12	phone number of the owner or operator.
13	"(B) A summary description of the pipe-
14	line system containing the segment, including a
15	general system map and a description of any
16	product the pipeline transports, the length of
17	the system, and origin and termination points.
18	"(C) State and local emergency response
19	liaison information.
20	"(D) A description of periodic testing
21	methods used on the segment and the frequency
22	of such testing.
23	"(E) A summary of the results of periodic
24	testing of the segment, including any defects

1	detected and actions taken to address the de-
2	fects.
3	"(F) A description of the leak detection
4	system in use on the segment and its sensi-
5	tivity.
6	"(G) A 5-year incident history for the seg-
7	ment.
8	"(H) An inspection and enforcement his-
9	tory for the segment.
10	"(I) If applicable, a summary of integrity
11	management program actions related to the
12	segment.
13	"(3) AUTHORITY OF SECRETARY.—The Sec-
14	retary may modify or waive any of the information
15	required to be included in a report under paragraph
16	(2) if the Secretary determines that the inclusion of
17	such information would pose a risk to the security
18	of a pipeline system.
19	"(4) Availability of Reports.—The Sec-
20	retary shall make each report prepared under this
21	subsection available to the public through the con-
22	solidated computer database of the Secretary.
23	"(5) Pipeline segment defined.—In this
24	subsection, the term 'pipeline segment' means—

- 1 "(A) with respect to a gas transmission 2 pipeline facility, the length of pipeline between 3 the origin and the first compressor station, be-4 tween intermittent compressor stations, and be-5 tween the final compressor station and the ter-6 mination point; and
  - "(B) with respect to a hazardous liquid pipeline facility, the length of pipeline between the origin and the first pumping station, between intermittent pumping stations, and between the final pumping station and the termination point.".
- 13 (2) CONFORMING AMENDMENT.—Section 14 60102(c) is amended by striking paragraph (4).
  - (3) AMENDMENT TO CHAPTER ANALYSIS.—The analysis for chapter 601 is amended by striking the item relating to section 60116 and inserting the following:

"60116. Community right-to-know.".

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19 (b) SAFETY CONDITION REPORTS.—The last sen-20 tence of section 60102(h)(2) is amended to read as fol-21 lows: "Notice of the condition shall be given concurrently 22 to appropriate State officials, including the local emer-23 gency responders, and appropriate on scene coordinators 24 for the area contingency plan and sub-area contingency 25 plan.".

1	(c) Effect on Tort Liability.—Section 60120(c)
2	is amended by adding at the end the following: "Nothing
3	in section 60116 shall be considered to impose a new duty
4	on State or local emergency responders or local emergency
5	planning committees.".
6	SEC. 6. SUPPORT FOR INNOVATIVE TECHNOLOGY DEVEL
7	OPMENT.
8	Section 60117 is amended by adding at the end the
9	following:
10	"(l) Support for Innovative Technology De-
11	VELOPMENT.—
12	"(1) In General.—The Secretary shall partici-
13	pate in the development of alternative technologies—
14	"(A) in fiscal year 2001 and thereafter—
15	"(i) to identify outside force damage
16	to pipelines using internal inspection de-
17	vices; and
18	"(ii) to monitor outside force damage
19	to pipelines; and
20	"(B) in fiscal year 2002 and thereafter, to
21	inspect pipelines that cannot accommodate in-
22	ternal inspection devices available on the date
23	of enactment of this subsection.
24	"(2) Cooperative agreements.—The Sec-
25	retary may support such technological development

1 through cooperative agreements with trade associa-2 tions, academic institutions, or other qualified orga-3 nizations.". SEC. 7. QUALIFICATION OF PIPELINE PERSONNEL. 5 (a) Qualification Programs.— 6 (1) In General.—Chapter 601 is amended by 7 adding at the end the following: 8 "§ 60129. Qualification of pipeline personnel 9 "(a) QUALIFICATION PROGRAM.—Not later than April 26, 2001, each operator of a gas pipeline or haz-10 ardous liquid pipeline facility shall adopt and implement 12 a written qualification program that ensures that all individuals performing covered tasks for the facility are qualified to perform such tasks. 14 15 "(b) Elements of Qualification Programs.—A qualification program adopted by an operator under sub-16 section (a) shall include, at a minimum, the following ele-17 18 ments: 19 "(1) A method for examining or testing the 20 qualifications of individuals performing covered 21 tasks for the facility. Such method may not be lim-22 ited to observation of on-the-job performance. 23 "(2) A requirement that the operator complete 24 the qualification of all individuals performing cov-

1	ered tasks for the facility not later than 18 months
2	after the date of adoption of the program.
3	"(3) A periodic requalification component that
4	provides for examination or testing of individuals in
5	accordance with paragraph (1).
6	"(c) Review of Qualification Programs.—
7	"(1) Review of Programs.—
8	"(A) IN GENERAL.—The Secretary or a
9	State authority responsible for enforcing stand-
10	ards prescribed under this chapter shall review
11	the qualification program of an operator and
12	record the results of that review for use in the
13	next review of an operator's program.
14	"(B) Context of Review.—The Sec-
15	retary or State authority may conduct a review
16	under subparagraph (A) as an element of its in-
17	spection of an operator.
18	"(C) INADEQUATE PROGRAMS.—If the Sec-
19	retary or a State authority determines that a
20	qualification program is inadequate for the safe
21	operation of a pipeline facility, the Secretary or
22	State authority shall act under section
23	60108(a)(2) to require the operator to revise

the qualification program.

1	"(2) Amendments to programs.—In order to
2	facilitate reviews under this subsection, an operator
3	shall notify the Secretary or State authority, as ap-
4	propriate, of any amendment made to the operator's
5	qualification program not later than 30 days after
6	the date of adoption of the amendment.
7	"(3) Waivers and modifications.—In ac-
8	cordance with section 60118(c), the Secretary may
9	waive or modify any requirement of this section.
10	"(d) COVERED TASK DEFINED.—In this section, the
11	term 'covered task'—
12	"(1) with respect to a gas pipeline facility, has
13	the meaning such term has under section 195.501 of
14	title 49, Code of Federal Regulations, as in effect or
15	the date of enactment of this section; and
16	"(2) with respect to a hazardous liquid pipeline
17	facility, has the meaning such term has under sec-
18	tion 192.801 of such title, as in effect on the date
19	of enactment of this section.".
20	(2) Conforming amendment.—The analysis
21	for chapter 601 is amended by adding at the end the
22	following:
	"60129. Qualification of pipeline personnel.".
23	(b) Pilot Program for Certification of Cer-
24	TAIN PIPELINE WORKERS.—

1	(1) In General.—Not later than 36 months
2	after the date of enactment of this Act, the Sec-
3	retary of Transportation shall—
4	(A) develop tests and other requirements
5	for certifying the qualifications of individuals
6	who operate computer-based systems for con-
7	trolling the operations of pipelines; and
8	(B) establish and carry out a pilot pro-
9	gram for 3 pipeline facilities under which the
10	individuals operating computer-based systems
11	for controlling the operations of pipelines at
12	such facilities are required to be certified under
13	the process established under subparagraph
14	(A).
15	(2) Report.—Not later than 5 years after the
16	date of enactment of this Act, the Secretary shall
17	transmit to Congress a report on the results of the
18	pilot program. The report shall include—
19	(A) a description of the pilot program and
20	implementation of the pilot program at each of
21	the 3 pipeline facilities;
22	(B) an evaluation of the pilot program, in-
23	cluding the effectiveness of the process for cer-
24	tifving individuals who operate computer-based

1	systems for controlling the operations of pipe-
2	lines;
3	(C) any recommendations of the Secretary
4	for requiring the certification of all individuals
5	who operate computer-based systems for con-
6	trolling the operations of pipelines; and
7	(D) an assessment of the ramifications of
8	requiring the certification of other individuals
9	performing safety-sensitive functions for a pipe-
10	line facility.
11	SEC. 8. POPULATION ENCROACHMENT.
12	Section 60127 is amended to read as follows:
13	"§ 60127. Population encroachment
14	"(a) Study.—The Secretary of Transportation, in
15	consultation with appropriate Federal agencies and State
16	and local governments, shall undertake a study of land
17	use practices and zoning ordinances with regard to pipe-
18	line rights-of-way.
19	"(b) Purpose of Study.—The purpose of the study
20	shall be to gather information on land use practices and
21	zoning ordinances—
22	"(1) to determine effective practices to limit en-
23	croachment on existing pipeline rights-of-way;

1	"(2) to address and prevent the hazards and
2	risks to the public and the environment associated
3	with encroachment on pipeline rights-of-way; and
4	"(3) to raise the awareness of the risks and
5	hazards of encroachment on pipeline rights-of-way.
6	"(c) Considerations.—In conducting the study, the
7	Secretary shall consider, at a minimum, the following:
8	"(1) The legal authority of Federal agencies
9	and State and local governments in controlling land
10	use and the limitations on such authority.
11	"(2) The current practices of Federal agencies
12	and State and local governments in addressing land
13	use issues involving a pipeline easement.
14	"(3) The most effective way to encourage Fed-
15	eral agencies and State and local governments to
16	monitor and reduce encroachment upon pipeline
17	rights-of-way.
18	"(d) Report.—
19	"(1) IN GENERAL.—Not later than 1 year after
20	the date of enactment of this subsection, the Sec-
21	retary shall publish a report identifying practices,
22	laws, and ordinances that are most successful in ad-
23	dressing issues of encroachment on pipeline rights-

and the environment.

- 1 "(2) DISTRIBUTION OF REPORT.—The Sec-2 retary shall provide a copy of the report to appro-3 priate Federal agencies and to States for further 4 distribution to appropriate local authorities.
- 5 "(3) Adoption of practices, laws, and ord-6 DINANCES.—The Secretary shall encourage Federal 7 agencies and State and local governments to adopt 8 and implement appropriate practices, laws, and ordi-9 nances, as identified in the report, to address the 10 risks and hazards associated with encroachment 11 upon pipeline rights-of-way.".

## 12 SEC. 9. DAMAGE PREVENTION.

- 13 (a) Development of Strategic Plan.—The Sec-
- 14 retary of Transportation shall develop and implement a
- 15 strategic plan to reduce the annual number of pipeline re-
- 16 leases caused by outside force damage by 25 percent with-
- 17 in 4 years of the date of enactment of this Act.
- 18 (b) Contents of Plan.—The strategic plan shall
- 19 include, at a minimum, a description of the efforts of the
- 20 Secretary—
- 21 (1) to expand and improve public education ac-
- tivities to inform excavators, facility operators, em-
- 23 ployees of State and local highway departments, and
- the public about the importance of preventing dam-

- age to pipelines and underground facilities and the
  importance of pipeline rights-of-way;
  - (2) to expand the Secretary's judicial and prosecutorial education activities and campaigns to increase awareness of the importance of preventing damage to pipelines and underground facilities;
    - (3) to advance technology to improve contact with one-call notification systems and to help mark and locate pipelines and associated facilities before any excavation activity begins;
    - (4) to identify, validate, and promote technology transfer of the best practices used to prevent damage to underground facilities and to update the report entitled "Common Ground"; and
- 15 (5) to develop means to implement rec-16 ommendations specified in "Common Ground".
- 17 (c) Report to Congress.—Not later than 90 days
  18 after the date of enactment of this Act, the Secretary shall
  19 transmit to Congress a report containing the strategic
  20 plan.

## 21 SEC. 10. IMPROVED DATA AND DATA AVAILABILITY.

Not later than 12 months after the date of enactment of this Act, the Secretary of Transportation shall develop and implement a comprehensive plan for the collection and use of gas and hazardous liquid pipeline data to revise the

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causal categories on the accident report forms and to
eliminate overlapping and confusing categories and in-
clude subcategories. The plan shall include components to
provide the capability to perform sound accident trend
analysis and evaluations of pipeline operator performance
using normalized accident data.
SEC. 11. TECHNICAL AMENDMENTS.
Chapter 601 is amended—
(1) in section 60102(a)—
(A) by striking " $(a)(1)$ " and all that fol-
lows through "The Secretary of Transpor-
tation" and inserting the following:
"(a) Minimum Safety Standards.—
"(1) IN GENERAL.—The Secretary of Transpor-
tation";
(B) by moving the remainder of the text of
paragraph (1), including subparagraphs (A)
and (B) but excluding subparagraph (C), 2 ems
to the right; and
(C) in paragraph (2) by inserting "QUALI-
FICATIONS OF PIPELINE OPERATORS.—" before
"The qualifications";
(2) in section 60110(b) by striking "cir-
cumstances" and all that follows through "operator"

1	and inserting the following: "circumstances, if any
2	under which an operator";
3	(3) in section 60114 by redesignating sub-
4	section (d) as subsection (e); and
5	(4) in section 60122(a) by striking "section
6	60114(c)" and inserting "section 60114(b)".
7	SEC. 12. PIPELINE FACILITIES OVERSIGHT AND MONI-
8	TORING.
9	(a) Advisory Function.—The function of a Re-
10	gional Advisory Council under this section shall be advi-
11	sory only.
12	(b) Purpose.—Each Regional Advisory Council shall
13	be responsible for safety and environmental monitoring of
14	pipeline facilities that may impact the State in which the
15	Regional Advisory Council does business.
16	(c) Suits Barred.—No Regional Advisory Council
17	established under this section may sue any person or pub-
18	lic or private entity concerning any matter arising under
19	this section except for the performance of contracts.
20	(d) Establishment.—
21	(1) STATE DESIGNATION.—The Secretary of
22	Transportation shall designate not more than 3
23	States the Governor of each of which may establish
24	not more than 3 Regional Advisory Councils in ac-
25	cordance with this section.

- 1 (2) STATE SELECTION CRITERIA.—The Sec-2 retary shall establish State selection criteria and 3 make the designation of States to participate in the 4 pilot program. The criteria shall include the fol-5 lowing: 6 (A) The State experienced a major acci-
  - (A) The State experienced a major accident involving a hazardous liquid or gas transmission facility in the 5-year period ending on the date of enactment of this Act.
    - (B) The Governor of the State requests the designation.
    - (C) The legislative body of the State has passed legislation indicating its desire to involve the State in hazardous liquid or gas transmission facility regulation or oversight, or both.
- (e) Membership.—Each Council shall be composedof voting members and nonvoting members, as follows:
  - (1) Voting members.—There shall be 11 voting members who shall be residents of the State wherein the Council will do business with 1 representative appointed by the Governor of the State participating in the pilot program to represent each of the following interests, taking into consideration the need for regional balance on the Council:
- 25 (A) Emergency responders.

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1	(B) Fish and wildlife organizations the
2	members of which depend on fisheries and wild-
3	life resources at risk, directly or indirectly, from
4	pipeline ruptures and spills.
5	(C) Environmental organizations.
6	(D) At least 2 representatives selected by
7	1 or more statewide associations of local gov-
8	ernments.
9	(E) Pipeline right-of-way property owners.
10	(F) Native American tribes.
11	(G) The general public.
12	(2) Nonvoting members.—One ex-officio,
13	nonvoting representative shall be designated by, and
14	represent, each of the following:
15	(A) The Environmental Protection Agency.
16	(B) Each agency of the participating State
17	with jurisdiction over intrastate pipeline safety
18	and environmental protection.
19	(C) The fire marshal or other official of
20	the participating State with similar duties if
21	there is no State fire marshal.
22	(D) The agency of the participating State
23	with jurisdiction over pipeline spill response.
24	(E) The pipeline industry.
25	(f) Terms.—

1	(1) DURATION OF COUNCILS.—The term of the
2	Councils shall continue throughout the life of the op-
3	eration of the pipeline facilities that each Council
4	oversees.
5	(2) 3 YEARS.—The voting members of each
6	Council shall serve for a term of 3 years.
7	(g) Self-Governing.—Each Council shall elect its
8	own chairperson, select its own staff, and make policies
9	with regard to its internal operating procedures.
10	(h) Duties.—Each Council shall—
11	(1) provide advice and recommendations to the
12	Secretary and the Governor of the State in which
13	the Council does business on policies, permits, and
14	regulations relating to the operation and mainte-
15	nance of pipeline facilities which affect or may affect
16	that State's environment;
17	(2) monitor the environmental impacts of the
18	operation of pipeline facilities;
19	(3) review the adequacy of the risk analysis and
20	integrity program developed by each pipeline oper-
21	ator;
22	(4) review the adequacy of pipeline spill preven-
23	tion and contingency plans for such pipeline facili-
24	ties;

1	(5) review and comment on proposals for new
2	pipeline facilities, including issues of public need,
3	safety, and environmental impact;
4	(6) periodically review the respective pipeline
5	spill prevention and contingency plans, in light of
6	new technological developments and changed cir-
7	cumstances;
8	(7) monitor developments in pipeline spill pre-
9	vention, leak detection, pipeline inspection, operator
10	training, spill containment, response, and cleanup
11	technology; and
12	(8) recommend to the Secretary, Governor, and,
13	where appropriate, the operator—
14	(A) standards and stipulations for permits
15	intended to minimize the impact of pipeline fa-
16	cilities which could impact the State;
17	(B) modifications of pipeline facility oper-
18	ations and maintenance intended to minimize
19	the risk and mitigate the impact of pipeline fa-
20	cility operations and to minimize the risk of
21	pipeline spills;
22	(C) modifications of operators' risk anal-
23	ysis and integrity programs;
24	(D) modifications of the pipeline spill pre-
25	vention and contingency plans for pipeline fa-

- cilities intended to enhance the ability to pre-
- 2 vent and respond to such a spill; and
- 3 (E) amendments to statutes and regula-
- 4 tions to improve pipeline safety and spill re-
- 5 sponse.
- 6 (i) No Estoppel.—No Council shall be held liable
- 7 under State or Federal law for costs or damages as a re-
- 8 sult of rendering advice under this section. Nor shall any
- 9 advice given by a voting member of a Council, or program
- 10 representative or agent, be grounds for estopping the in-
- 11 terests represented by the voting Council members from
- 12 seeking damages or other appropriate relief.
- 13 (j) AGENCY COOPERATION.—On and after establish-
- 14 ment of a Council by the Governor under this section, each
- 15 Federal department, agency, or other instrumentality shall
- 16 consult, with respect to all permits, site-specific regula-
- 17 tions, and other matters governing the activities and ac-
- 18 tions of the pipeline facilities, with the appropriate Council
- 19 before taking substantive action with respect to the per-
- 20 mit, site-specific regulation, or other matter. This con-
- 21 sultation shall be carried out with a view to enabling the
- 22 appropriate Council to review the permit, site-specific reg-
- 23 ulation, or other matters and make appropriate rec-
- 24 ommendations regarding operations, policy, or agency ac-
- 25 tions. Prior consultation shall not be required if an author-

- 1 ized Federal agency representative reasonably believes
- 2 that an emergency exists requiring action without delay.
- 3 (k) RECOMMENDATIONS OF THE COUNCIL.—In the
- 4 event that the Secretary, Governor, or operator does not
- 5 adopt, or significantly modifies before adoption, any rec-
- 6 ommendation of the Council made pursuant to the author-
- 7 ity granted to the Council in subsection (h)(8), the Sec-
- 8 retary, Governor, or operator shall provide to the Council,
- 9 in writing, within 5 days of its decision, notice of its deci-
- 10 sion and a written statement of reasons for its rejection
- 11 or significant modification of the recommendation.

## 12 (l) Funding.—

- 13 (1) Per regional advisory council.—Sub-
- ject to appropriations, the Secretary shall provide to
- each Regional Advisory Council established under
- this section from the Oil Spill Liability Trust Fund
- such amount as is sufficient to fund the Council's
- work, but not less than \$750,000, for each year of
- operation of the Council under this section. In deter-
- 20 mining the amount to provide to the Council for its
- 21 initial year of operation, the Secretary shall consult
- the Governor of State in which the Council does
- business and the Council. After the Council's initial
- year of operation, such amount shall be based on a

- budget and workplan developed by the Council and
  approved by the Governor.
- 3 (2) AUTHORIZATION.—There is authorized to 4 be appropriated from the Oil Spill Liability Trust 5 Fund to the Secretary such amount as may be nec-6 essary to carry out this section.
- 7 (m) Reports.—Before the expiration of the 36-8 month period following the date of enactment of this Act, 9 each Council established pursuant to this section shall re10 port to the President and Congress concerning its activities under this section, together with its recommendations.

## 12 (n) SAVINGS CLAUSE.—

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- (1) Regulatory authority.—Nothing in this section shall be construed as modifying, repealing, superseding, or preempting any municipal, State, or Federal law or regulation, or in any way affecting litigation arising from pipeline spills or the rights and responsibilities of the United States or any State, or municipalities thereof, to preserve and protect the environment through regulation of land, air, and water uses, of safety, and of related development.
  - (2) Recommendations.—This subsection is not intended to prevent a Council from recommending to appropriate authorities that existing

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        legal requirements should be modified or that new
 2
        legal requirements should be adopted.
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   SEC. 13. AUTHORIZATION OF APPROPRIATIONS.
 4
        (a)
              GAS
                     AND
                           Hazardous
                                          Liquid.—Section
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    60125(a) is amended to read as follows:
 6
        "(a) Gas and Hazardous Liquid.—
 7
             "(1) Authorization of appropriations.—
 8
        To carry out this chapter (except for sections 60107)
 9
        and 60114(b)) related to gas and hazardous liquid,
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        the following amounts are authorized to be appro-
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        priated to the Department of Transportation:
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             "(A) $41,500,000 for fiscal year 2001.
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             "(B) $44,500,000 for fiscal year 2002.
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             "(C) $45,800,000 for fiscal year 2003.
             "(2) Allocations for research.—Of the
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        amounts appropriated pursuant to paragraph (1) for
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        a fiscal year, not less than the following amounts
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        shall be used for research of pipeline safety tech-
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        nologies described in section 60117:
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                 "(A) $4,000,000 for fiscal year 2001.
                 "(B) $5,500,000 for fiscal year 2002.
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22
                 "(C) $6,000,000 for fiscal year 2003.".
23
        (b) STATE GRANTS.—Section 60125 is amended—
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(1) by striking subsections (b) and (d) and re-1 2 designating subsections (c), (e), and (f) as sub-3 sections (b), (c), and (d), respectively; and 4 (2) in subsection (b)(1) (as so redesignated) by 5 striking subparagraphs (A) through (H) and insert-6 ing the following: "(A) \$18,500,000 for fiscal year 2001. 7 "(B) \$20,500,000 for fiscal year 2002. 8 "(C) \$21,100,000 for fiscal year 2003.". 9 (c) Conforming Amendment.—Section 60125(c) 10 (as redesignated by subsection (b)(1) of this section) is 11 amended by striking "or (b) of this section".

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